Pin Point

Introduction

Select Search Type To Begin
National Stock Number (NSN) Information
Pin Point Coherent View ® Portal provides users with complete information about National Stock Numbers. Information from over 20 different Government databases has been compiled into an easily searchable Coherent View.
· Parametric Search · Batch Query
FedBizOpps (FBO) Information/Subscriptions
Pin Point provides users the ability search and subscribe to Federal government procurement opportunities (FBO) awards, notices, pre-solicitations and solicitations.
Commercial And Government Entity (CAGE) Information
Information from the Central Contractor Registry (CCR), Small Business Administration (SBA) and Federal Logisitics Information Systems' H4H8 CAGE database are all incorporated into a single view.
Part Information
Pin Point contains part information from the biggest government parts portals GSA Advantage and DOD EMALL. Wealth of knowledge combined with the XSB Master Datafile PinPoint gives an unprecedented view of the Government supply chain.
Privacy Statement
Terms of Use
508 Compliance
Feedback

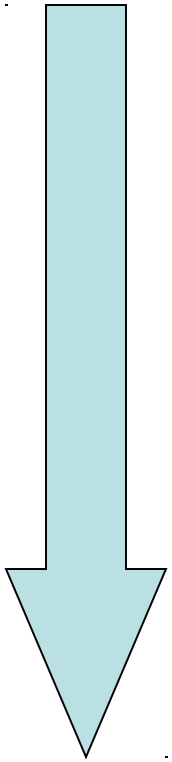
Pin Point

Design Objectives

- Integrate with DPMP
- Acquire parts data from any source
- Discover sources on Government Portals
- Transform commercial part descriptions to the FLIS ECCMA attribute schema
- Provide Parametric Search and Comparison

Pin Point

Parts Selection Order of Preference



- Parts meeting Government requirements
- Industry standard parts from DOD adopted non-government standards
- MIL and Government standard parts
- DOD commonly available parts
- Industry standard parts from other non government standards
- Commonly available manufacturer part numbers.

How hard can part selection be?

…Different sources describe the SAME thing differently

Commercial Parts for NSN 6135 009002139 on DoD EMALL

Energizer EN22

ENERGIZER ENE EN22

EVEREADY EN-22

EVEREADY BATTERY CORP. EVEEN22

NSN: 6135009002139

EVEREADY BATTERY CO INC

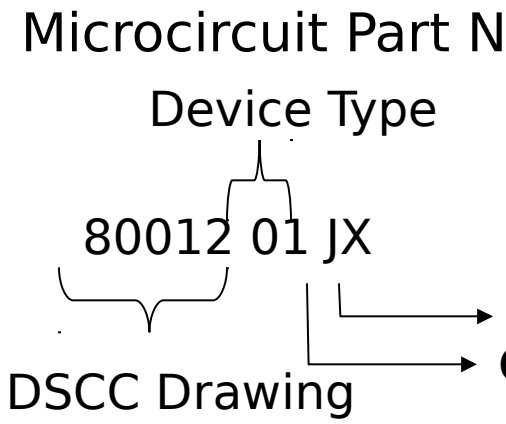
EN22

… 191 catalog entries Eveready EN22 with more than 30 different spellings

Pin Point

MDF Extraction Processes

Defense Supply Center Columbus
Taking the Lead in Land and Maritime Support



J - INCLOSURE MATERIAL - CERAMIC
J - INCLOSURE CONFIGURATION - DUAL-IN-LINE (DIP)
J - TERMINAL TYPE AND QUANTITY - 24 PRINTED CIRCUIT
J - OVERALL LENGTH - 1.155 INCHES MINIMUM - 1.290 INCHES MAXIMUM
J - OVERALL HEIGHT- 0.345 INCHES MINIMUM - 0.425 INCHES MAXIMUM
J - OVERALL WIDTH 0.516 INCHES MINIMUM - 0.646 INCHES MAXIMUM
....

Product properties are extracted and standardized to a uniform format

Enables attribute based searching

Allows for comparison and identification of equivalent items

Pin Point

http://pinpoint.xsb.com

Pin Point

Summary

- Comprehensive view of Government Part Data – NSNs and Portals
- Expanding source of commercial catalog data
- Standardized attributes makes parametric search easy
- Available at no cost to Government users through the DPMP

Auxiliary Slides

Pin Point Microcircuit Methodology

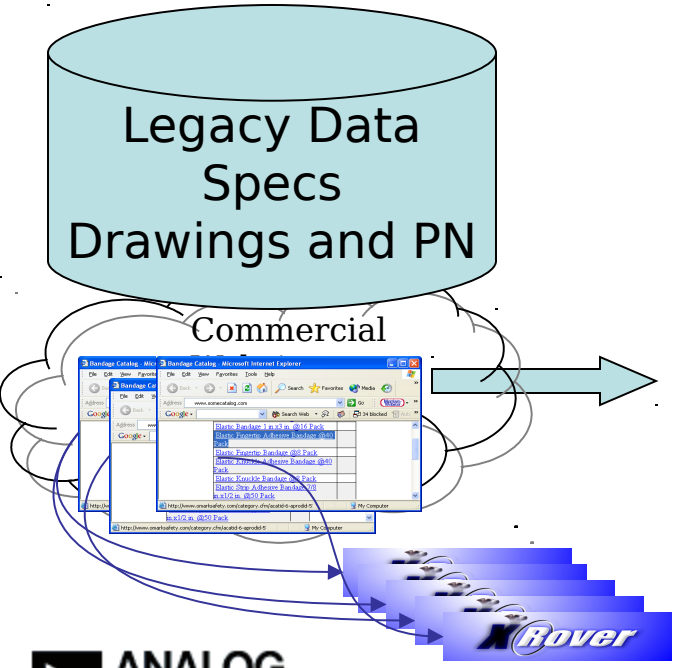
Attributes were enhanced for 4,683 Microcircuit NSNs using TI and DSCC part number logic.

1) Data Acquisition

Texas Instruments

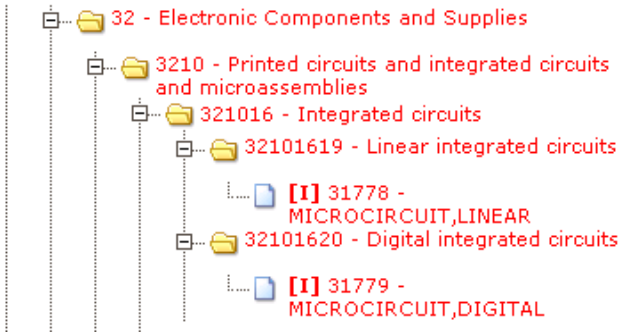
Defense Supply Center Columbus

Taking the Lead in Land and Maritime Support



ANALOG DEVICES

2) Classification


32 - Electronic Components and Supplies
3210 - Printed circuits and integrated circuits and microassemblies
321016 - Integrated circuits
32101619 - Linear integrated circuits
[I] 31778 - MICROCIRCUIT,LINEAR
32101620 - Digital integrated circuits
[I] 31779 - MICROCIRCUIT,DIGITAL

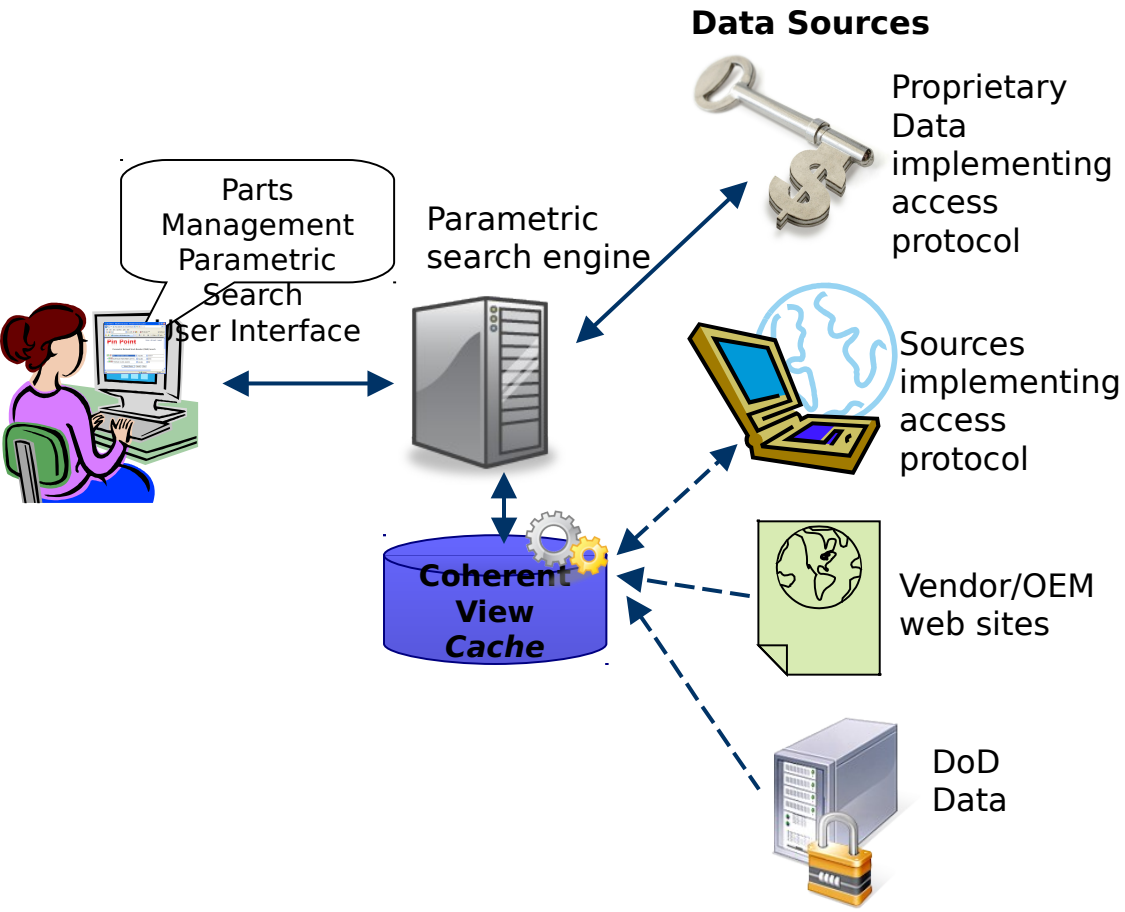
3) Extraction

ADAT	BODY WIDTH	0.610 INCHES MAXIMUM
ADAU	BODY HEIGHT	0.150 INCHES MINIMUM
		0.210 INCHES MAXIMUM
	L	CERAMIC
	URATION	DUAL-IN-LINE (Dip)

Information on 2,724 operational and instrumentation amplifier parts were harvested from Analog Devices using Xrover®. (NSNs and

Pin Point

Proposed Architecture



Parametric search user interface invokes parametric search engine by passing query parameters and getting a sorted list of results.

The parametric search engine should try to achieve maximum precision and efficiency in results generation. In order for the engine to maximize precision data it queries needs to be adhering to a single scheme, e.g. enhanced FCS ontology. The architecture picture describes information sources that the engine relies on. Information may either be pulled from accessible sources or provided by parts providers that implement a required communication protocol (like ISO8000).

Providers able to implement this protocol subscribe to a directory of data providers to be queried and provide necessary parameters, like products domains for data, possibly user restrictions (e.g. non-DoD users cannot see some data).

•Arrows pointing in both directions in the picture are shown for data providers implementing that protocol.

•Arrows in a single direction are shown when it is decided that a certain data source (or a multitude of them) contain data of interest. However that data source does not implement the specified communication protocol then data from this source can be obtained in a different way. For example, intelligent web

Pin Point

Demo NSNs

- 5995011767235 – DOD EMALL Suppliers
- 012448414 – tug elbow from Long Lead time micro prs
- 5962011801681 – note that FLIS had 2 technical characteristics, an additional 16 were added by interpreting DSCC Part Number Logic
- 5962013539887 - did not have any FLIS TCs, 22 attributes were added by collecting info from Analog Devices. Note the semantic transformation of Analog Parametric Data to FLIS-ECCMA standards.
- Seal NSNs: 011640679, 015466042, 015466047
- GIDEP PN 293D106X9020C2T CAGE SH905 = NSN 5910014619038

Pin Point

Part Number Search

Part Information

Part Number AD522SD/883B

Search Cancel

Info | GSA + DOD EMALL | Report Download

Results 1 - 4 of 4 Download
FLIS: Reference Number Cage Data (Segment C)

NSN	Part Number	CAGE	Company Name	RNCC RNVC Combination Meaning
5962-01-114-1472 [WSIT]	AD522SD/883B	24355	ANALOG DEVICES INC.	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.
5962-01-131-3716 [WSIT]	AD522SD/883B	24355	ANALOG DEVICES INC.	{5,2} A secondary R/N which is item identifying.
5962-01-322-1799 [WSIT]	AD522SD/883B	51640	ANALOG DEVICES INC	{3,1} The primary R/N which is not item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.
5962-01-417-3256 [WSIT]	AD522SD/883B	51640	ANALOG DEVICES INC	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.

Results 1 - 3 of 3 Download
BSM: NSN Cage Part Number File

NSN	Part Number	CAGE	Company Name	RNCC RNVC Combination Meaning
5962-01-114-1472 [WSIT]	AD522SD/883B	24355	ANALOG DEVICES INC.	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.
5962-01-131-3716 [WSIT]	AD522SD/883B	24355	ANALOG DEVICES INC.	{5,2} A secondary R/N which is item identifying.
5962-01-417-3256 [WSIT]	AD522SD/883B	51640	ANALOG DEVICES INC	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.

Results 1 - 3 of 3 Download
CTDF: NSN Part Number File

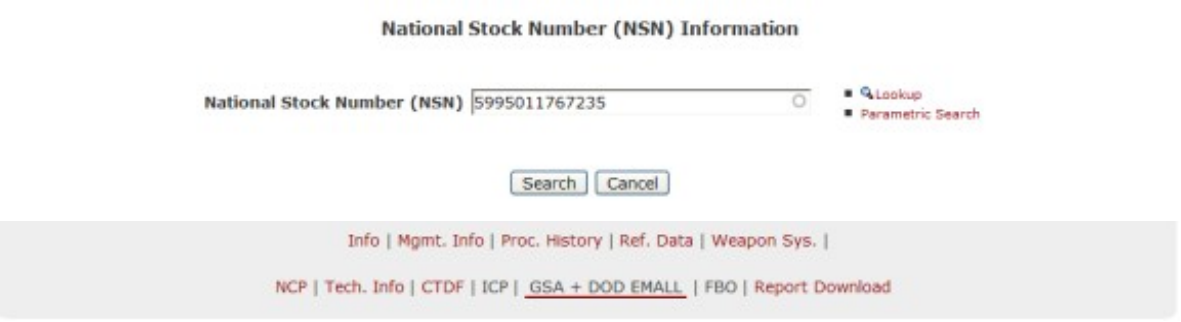
NSN	Part Number	CAGE	Company Name	RNCC RNVC Combination Meaning
5962-01-114-1472 [WSIT]	AD522SD/883B	24355	ANALOG DEVICES INC.	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.
5962-01-131-3716 [WSIT]	AD522SD/883B	24355	ANALOG DEVICES INC.	{5,2} A secondary R/N which is item identifying.
5962-01-417-3256 [WSIT]	AD522SD/883B	51640	ANALOG DEVICES INC	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.

Results 1 - 2 of 2 Download
CV: NIIN/CAGE/Part Numbers

NSN	Part Number	CAGE	Company Name	CV Source Table
5962-01-131-3716 [WSIT]	AD522SD/883B	24335	COOPER LABORATORIES INC	CTDF: Procurement Identification Description
5962-01-322-1799 [WSIT]	AD522SD/883B	51[illegible]	ANALOG DEVICES INC	CTDF: Technical Guidance Information

Note, an additional source, Cooper Labs was discovered by mining free text of the PID

Searching Government Portals


National Stock Number (NSN) Information
National Stock Number (NSN) 5995011767235
Lookup
Parametric Search
Search
Cancel
Info | Mgmt. Info | Proc. History | Ref. Data | Weapon Sys. |
NCP | Tech. Info | CTDF | ICP | GSA + DOD EMALL | FBO | Report Download

This item is available from 7 suppliers in 2 different portals…Many suppliers do not know which catalog items are associated to NSNs

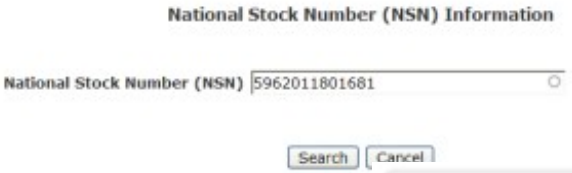
Results 1 - 7 of 7 Download
GSA Advantage

Mfg. Name	Mfg. PN	Description	Price	Supplier Name
FLUKE ELECTRONICS	B-24-0	CORD PATCH MULTI STACK BANANA PLUG 18AWG 24in BLACK	3.1500	KTEC EQUIPMENT AND SUPPLIES
FLUKE ELECTRONICS	FL-B-24-0	MFGR P/N - B-24-0 : Banana Plug Patch Cord (Black)	3.7200	SHAMROCK SUPPLY
FLUKE ELECTRONICS CORP	B-24-0	B-24-0 STACKING PLUG BANANA BLACK POMONADouble Click on the globe for information, photos, and specifications for part 162-380	3.8100	STANLEY SUPPLY & SERVICES, INC
POMONA	B-24-0	MrfPart #: B-24-0 Newark Part #: 34F849 MfrName: POMONA Product Category: Connector assemblies,TestDescription: Stacking Standard Banana Plug Each End, 18 AWG, 5000 Working Voltage DC, 15 Amp, +55 deg C, Black, 24 inch Length	5.1600	NEWARK IN ONE
POMONA	B-24-0	BANANA PLUG PATCH CORD (BLACK), NSN 5995-01-176-7235 Must order in multiples of 6	3.9400	TECHNI-TOOL INC
POMONA ELECTRONICS	B240	PATCH CORD BAN PLG STK BLK 2'	3.8700	CARLTON-BATES CO.
POMONA ELECTRONICS	B-24-0	Allied Part Number: 8850016 Patch Cord, Stacking Banana Plug, Black 2 ft Stack-Up Banana Plug, Both Ends, 15 Amps, 24 Inches, Black - Quantity per Unit: 1	3.9300	Allied Electronics

Results 1 - 3 of 3 Download
DOD EMALL

Mfg. Name	Mfg. PN	Description	Price	Supplier Name
FLUKE CORPORATION/POMONA	B-24-0	**FEATURES:** • Mates to Model #1581, 2854 or standard Banana Jack. • Cross and vertical stacking banana plug. • Ideal for providing jumpers or chassis boxes. **MATERIALS:** • Conn: Extension Stacking Banana Plug • Material: Spring, Beryllium Copper per QQ-C-533, Allow 172, Cond. HT. Plug Body: Brass, per QQ-B-626, Alloy 360, 1/2 hard. Finish: Nickel plate per QQ-N-290 class 2, 200/300 microinches. Insulation: Polypropylene molded to plug body and wire Color:	3.94	Techni-Tool, Inc.
Pomona	B-24-0		3.81	Stanley Supply & Services, Inc.
POMONA ELECTRONICS	B-24-0	Patch Cord, Stacking Banana Plug, Black 2 ft	3.93	Allied Electronics, Inc.

Pin Point Enhanced NSN Research



FLIS catalogs 2 technical attributes for this NSN

Results 1 - 2 of 2 — Download

FLIS: Technical Characteristics

NSN	MRC	MRC Name	MRC Value
5962-01-180-1681 [WSIT]	AGAV	END ITEM IDENTIFICATION	TARGET ACCQUISITION DESIGNATION SIGHT
5962-01-180-1681 [WSIT]	NAME	ITEM NAME	MICROCIRCUIT,DIGITAL

PinPoint extracts and infers additional technical attributes by interpreting DSCC PN information associated with the NSN

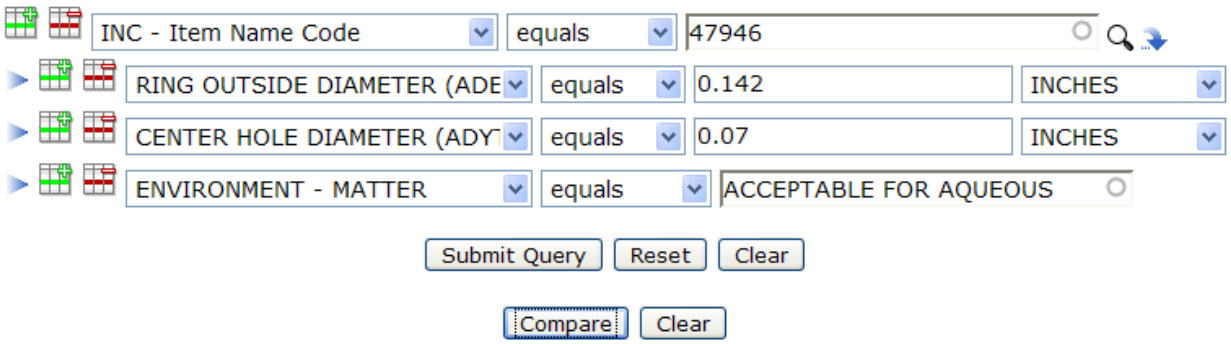
Results 1 - 16 of 16 — Download

Extracted Technical Characteristics

NSN	MRC	MRC Name	MRC Value
5962-01-180-1681 [WSIT]	ABHP	OVERALL LENGTH	1.155 INCHES MINIMUM
5962-01-180-1681 [WSIT]	ABHP	OVERALL LENGTH	1.290 INCHES MAXIMUM
5962-01-180-1681 [WSIT]	ABKW	OVERALL HEIGHT	0.345 INCHES MINIMUM
5962-01-180-1681 [WSIT]	ABKW	OVERALL HEIGHT	0.425 INCHES MAXIMUM
5962-01-180-1681 [WSIT]	ABMK	OVERALL WIDTH	0.516 INCHES MINIMUM
5962-01-180-1681 [WSIT]	ABMK	OVERALL WIDTH	0.646 INCHES MAXIMUM
5962-01-180-1681 [WSIT]	ADAQ	BODY LENGTH	1.150 INCHES MINIMUM
5962-01-180-1681 [WSIT]	ADAQ	BODY LENGTH	1.290 INCHES MAXIMUM
5962-01-180-1681 [WSIT]	ADAT	BODY WIDTH	0.500 INCHES MINIMUM
5962-01-180-1681 [WSIT]	ADAT	BODY WIDTH	0.610 INCHES MAXIMUM
5962-01-180-1681 [WSIT]	ADAU	BODY HEIGHT	0.150 INCHES MINIMUM
5962-01-180-1681 [WSIT]	ADAU	BODY HEIGHT	0.210 INCHES MAXIMUM
5962-01-180-1681 [WSIT]	CQSJ	INCLOSURE MATERIAL	CERAMIC
5962-01-180-1681 [WSIT]	CQSZ	INCLOSURE CONFIGURATION	DUAL-IN-LINE (Dip)
5962-01-180-1681 [WSIT]	LEAD FINISH		(X) MARK ON SPECIFICATION ONLY (EITHER HOT SOLDER DIP, TIN-LEAD PLATE, OR GOLD PLATE
5962-01-180-1681 [WSIT]	TTQY	TERMINAL TYPE AND QUANTITY	24 PRINTED CIRCUIT

Pin Point

Parametric National Stock Number (NSN) Search

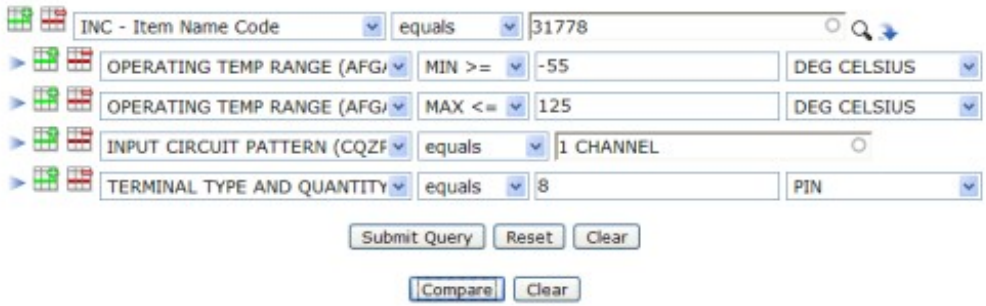


Results 1 - 40 of 175 Download

INC - Item Name Code equals 47946::O-RING and
RING OUTSIDE DIAMETER (ADEV) equals 0.142 INCHES and
CENTER HOLE DIAMETER (ADYT) equals 0.07 INCHES and
ENVIRONMENT - MATTER equals ACCEPTABLE FOR AQUEOUS

#	NSN/PN	Compare	Source	Item Name	FIIG	Criticality Code
1	5331-00-874-2910 [WSIT]	☑	DLA	O-RING (47946)	O-RING(A510X0)	X
2	NX352-70 5-187	☑	PARKER HANNIFIN CORPORATION	O-RING (47946)		
3	NX352-70 5-051	☑	PARKER HANNIFIN CORPORATION	O-RING (47946)		
4	NW163-75 5-187	☑	PARKER HANNIFIN CORPORATION	O-RING (47946)		
5	NW163-75 5-051	☐	PARKER HANNIFIN CORPORATION	O-RING (47946)		
6	NM156-75 5-187	☐	PARKER HANNIFIN CORPORATION	O-RING (47946)		

Pin Point



Results 1 - 15 of 15 Download

INC - Item Name Code equals 31778::MICROCIRCUIT,LINEAR and
OPERATING TEMP RANGE (AFGA) MIN ≥ -55 DEG CELSIUS and
OPERATING TEMP RANGE (AFGA) MAX ≤ 125 DEG CELSIUS and
INPUT CIRCUIT PATTERN (CQZP) equals 1 CHANNEL and
TERMINAL TYPE AND QUANTITY (TTQY) equals 8 PIN

#	NSN/PN	Compare	Source	Item Name	FIIG	Criticality Code
1	5962-01-539-8620 [WSIT]	☐	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
2	5962-01-536-4704 [WSIT]	☐	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
3	5962-01-473-5867 [WSIT]	☐	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
4	5962-01-459-9217 [WSIT]	☐	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
5	5962-01-455-7517 [WSIT]	☐	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
6	5962-01-412-4764 [WSIT]	☐	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
7	5962-01-397-1304 [WSIT]	☐	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
8	5962-01-198-8899 [WSIT]	☑	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
9	5962-01-189-9485 [WSIT]	☑	DLA	MICROCIRCUIT,LINEAR (31778)	MICROCIRCUIT DEVICES(A458A0)	X
10	AD549LHZ	☑	ANALOG DEVICES INC.	MICROCIRCUIT,LINEAR (31778)		
11	AD549LH	☑	ANALOG DEVICES INC.	MICROCIRCUIT,LINEAR (31778)		

V PinPoint - MRC/Attribute Query - Windows Internet Explorer
http://pinpoint.xsb.com/content/query/mrc/mrcresults.do
Google
Go
No popups
Check
AutoLink
AutoFill
Setti
EarthLink
Search
ScamBlocker ON/OFF
Pop-Up Blocker ON/OFF
Protection Control Center
CV PinPoint - National Stock ...
CV PinPoint - MRC/Attribu...
Page
Tools

Pin Point

Parametric National Stock Number (NSN) Search

INC - Item Name Code	equals	47946	
CROSS-SECTIONAL HEIGHT (AI	equals	0.139	INCHES
CENTER HOLE DIAMETER (ADYT	equals	3.734	INCHES
MATERIAL (MATT)	equals	FLUOROCARBON	
SPECIFICATION	equals	MIL-R-83248	

Submit Query | Reset | Clear

Compare | Clear

Results 1 - 6 of 6 Download

INC - Item Name Code equals 47946::O-RING and
CROSS-SECTIONAL HEIGHT (ADVN) equals 0.139 INCHES and
CENTER HOLE DIAMETER (ADYT) equals 3.734 INCHES and
MATERIAL (MATT) equals FLUOROCARBON and

Internet
100%

Pin Point

Part Information

Part Number 80012 01 JX

Search | Cancel

Info | GSA + DOD EMALL | Report Download

Results 1 - 2 of 2 Download

FLIS: Reference Number Cage Data (Segment C)

NSN	Part Number	CAGE	Company Name	RNCC RNVC Combination Meaning
5962-01-180-1681 [WSIT]	80012011X	16236	DEFENSE SUPPLY CENTER COLUMBUS	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.
5962-01-237-2286 [WSIT]	80012011X	8W664	INTEL CORP	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.

No Results Found

BSM: NSN Cage Part Number File

Results 1 - 2 of 2 Download

CTDF: NSN Part Number File

NSN	Part Number	CAGE	Company Name	RNCC RNVC Combination Meaning
5962-01-180-1681 [WSIT]	80012011X	16236	DEFENSE SUPPLY CENTER COLUMBUS	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.
5962-01-237-2286 [WSIT]	80012011X	8W664	INTEL CORP	{3,2} The primary R/N which is item identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production.